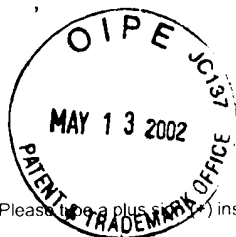


1743



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PTO/SB/21 (08-00)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/087,264
	<b>Filing Date</b>	February 28, 2002
	<b>First Named Inventor</b>	Giacomo VACCA
	<b>Group Art Unit</b>	1743
	<b>Examiner Name</b>	To Be Assigned
<b>Total Number Of Pages In This Submission</b>	10 + 43 References	<b>Attorney Docket No.</b> 373722002600 (Client Ref. A119)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input checked="" type="checkbox"/> Information Disclosure Statement - 3 pages	<input type="checkbox"/> Request for Refund	2. Forth-three (43) References
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	3. Two Return Receipt Postcards
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm or Individual Name	Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018  Charles D. Holland, Reg. No. 35,196
Signature	
Date	May 7, 2002

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PATENT  
Docket No. 373722002600  
Client Reference: A119

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Kerry Keehan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Giacomo VACCA et al.

Serial No.: 10/087,264

Filing Date: February 28, 2002

For: MICROFLUIDIC CONTROL USING  
DIELECTRIC PUMP

Examiner: BRown  
~~To Be Assigned~~

Group Art Unit: 1743

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \* is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \* is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to


charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 373722002600. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 7, 2002

Respectfully submitted,

By: 

Charles D. Holland  
Registration No. 35,196  
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755 Page Mill Road  
Palo Alto, California 94304-1018  
Telephone: (650) 813-5832  
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) 	Docket Number 373722002600	Application Number 10/087,264
	Applicant Giacomo VACCA et al.	
	Filing Date February 28, 2002	Group Art Unit 1743
	Mailing Date May 7, 2002	

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	04/22/1986	4,583,824	Lea			
	2.	12/06/1988	4,789,228	Le Pesant et al.			
	3.	01/29/1991	4,988,157	Jackel et al.			
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	6.	09/21/1999	5,956,005	Sheridon			
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	19.	01/08/2002	6,337,740	Parce			
	20.	01/29/2002	6,342,142	Ramsey			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	21.	06/24/1994	JP 06-175052	Japan			
	22.	04/07/1995	JP 07-092405	Japan			

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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449				Docket Number 373722002600		Application Number 10/087,264	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Applicant			
				Giacomo VACCA et al.			
				Filing Date February 28, 2002		Group Art Unit 1743	
				Mailing Date May 7, 2002			
23		03/08/1996	JP 08-062645	Japan			
24		12/27/2001	WO 01/98759	WIPO			Derwent Abstract

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	25.	Patent Abstracts of Japan for Japanese patent no. 06-175052, published on June 24, 1994 (2 pages, abstract only).
	26.	Patent Abstracts of Japan for Japanese patent no. 07-092405, published on April 07, 1995 (1 page, abstract only).
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	30.	Jang, J. and Lee, S. S. (2000). "Theoretical and Experimental Study of MHD (Magnetohydrodynamic Micropump)," <i>Sensors and Actuators</i> 80:84-89.
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Form PTO-1449		Docket Number 373722002600	Application Number 10/087,264
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant	
		Giacomo VACCA et al	
		Filing Date February 28, 2002	Group Art Unit 1743
		Mailing Date May 7, 2002	
40.	Ross, D. and Aitchison, J. S. (2001). "Microfluidic Optical Switches Using Two Non-Mixing Fluids in a Mach Zehnder Interferometer," OECC/IOOC 2001 Conferences Incorporating ACOFT, Monday 2 July-Thursday 5, July, 2001, 2 pages.		
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EXAMINER: _____ DATE CONSIDERED: _____			
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